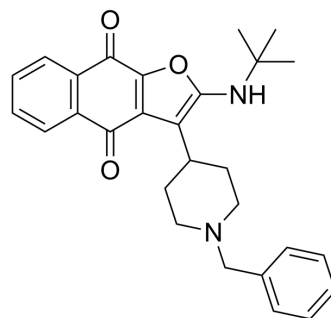


Anti-infective agent 7

Cat. No.:	HY-151614
CAS No.:	2839192-25-3
Molecular Formula:	C ₂₈ H ₃₀ N ₂ O ₃
Molecular Weight:	442.55
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-infective agent 7 is a potent anti-infectious agent. Anti-infective agent 7 has anti-infection activity against <i>P. falciparum</i> (IC ₅₀ =2.5 μM) and <i>M. tuberculosis</i> (MIC=9 μM) ^[1] .
In Vitro	Anti-infective agent 7 (compound 17) is less cytotoxic with a CC ₅₀ value of 86 μM in macrophage RAW 264.7 cells and consequently a SI higher than 34 for <i>Leishmania</i> parasites ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Koumpoura CL, et, al. Design of Anti-infectious Agents from Lawsone in a Three-Component Reaction with Aldehydes and Isocyanides. ACS Omega. 2022 Oct 3;7(40):35635-35655.

Caution: Product has not been fully validated for medical applications. For research use only.

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